

RECEIVED
CENTRAL FAX CENTER
PTO/SB/97 (06-00)

JAN 06 2005

CERTIFICATE OF TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office

on January 6, 2005
date

Signature



DJ Bogorodsky_____
Typed or printed name of person signing Certificate

In re: application of: Bonnie Wang et al.
Application Number: 10/769,733
Filed: January 29, 2004
Confirmation Number: 6549
Title: DATA REALIGNMENT TECHNIQUES FOR SERIAL-TO-PARALLEL CONVERSION
Atty Docket Number: 015114-063110US SJC/djb

Being faxed to Examiner - Patrick G. Wamsley Group 2819 at facsimile number 1-703-872-9306 are the following documents:

This PTO/SB/97 Certificate of Transmission (1 page);
PTO/SB/21 Transmittal Form (1 page);
PTO/SB/17 Fee Transmittal (1 page submitted in duplicate);
Amendment (6 pages);
PTO/SB/26 Terminal Disclaimer (1 page); and
PTO/SB/96 Statement under 37 CFR 3.73(b) (1 page)

Number of pages being transmitted: 12

60393057 v1

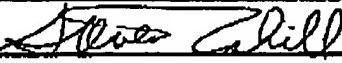
Townsend and Townsend and Crew LLP
Telephone -- 650-326-2400
Facsimile -- 650-326-2422fax ref. # 96A65

PTO/SB/21 (09-04)

TRANSMITTAL FORM		Application Number 10/769,733
(to be used for all correspondence after initial filing)		Filing Date January 29, 2005
		First Named Inventor Wang, Bonnie
		Art Unit 2819
		Examiner Name Patrick G. Wamsley
Total Number of Pages in This Submission 12		Attorney Docket Number 015114-063110US

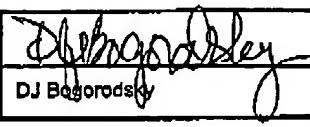
ENCLOSURES (Check all that apply)		
<input checked="" type="checkbox"/> PTO/SB/17 Fee Transmittal (1pg submitted in duplicate) <input type="checkbox"/> Fee Attached	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> After Allowance Communication to TC
<input checked="" type="checkbox"/> Amendment/Reply (6pgs) <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> Extension of Time Request	<input checked="" type="checkbox"/> Terminal Disclaimer (1pg)	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): PTO/SB/97 Certificate of Transmission (1pg) this PTO/SB/21 Transmittal Form (1pg) PTO/SB/86 Statement under 37 CFR 3.73(b) (1pg)
<input type="checkbox"/> Certified Copy of Priority Document(s)	Remarks The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.	
<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name Townsend and Townsend and Crew LLP	
Signature 	
Printed name Steven Cahill	
Date January 6, 2005	Reg. No. 44,578

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the Patent and Trademark Office, Fax No. (703) 872-9306 on January 6, 2005.

Signature 	
Typed or printed name DJ Bogorodsky	Date January 6, 2005

60393051 v1

FEE TRANSMITTAL for FY 2005

Effective 10/01/2004. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 130

Complete If Known	
Application Number	10/769,733
Filing Date	January 29, 2004
First Named Inventor	Wang, Bonnie
Examiner Name	Patrick G. Wamsley
Art Unit	2819
Attorney Docket No.	015114-083110US

METHOD OF PAYMENT (check all that apply)					FEE CALCULATION (continued)						
<input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None <input checked="" type="checkbox"/> Deposit Account					3. ADDITIONAL FEES						
Deposit Account Number		20-1430			Large Entity	Small Entity	Fee Description			Fee Paid	
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description					
1051	130	2051	85	1053	130	Surcharge - late filing fee or oath					
1052	50	2052	25	1812	2,620	Surcharge - late provisional filing fee or cover sheet					
1053	130	1053	130	1804	920*	Non-English specification					
1812	2,620	1812	2,520	1804	920*	For filing a request for ex parte reexamination					
1805	1,840*	1805	1,840*	1804	920*	Requesting publication of SIR prior to Examiner action					
1251	110	2251	55	1805	1,840*	Requesting publication of SIR after Examiner action					
1252	430	2252	215	1251	110	Extension for reply within first month					
1253	980	2253	490	1252	430	Extension for reply within second month					
1254	1,530	2254	765	1253	980	Extension for reply within third month					
1255	2,080	2255	1,040	1254	1,530	Extension for reply within fourth month					
1401	340	2401	170	1255	2,080	Extension for reply within fifth month					
1402	340	2402	170	1401	340	Notice of Appeal					
1403	300	2403	150	1402	340	Filing a brief in support of an appeal					
1451	1,610	1451	1,510	1403	300	Request for oral hearing					
1452	110	2452	55	1451	1,610	Petition to institute a public use proceeding					
1453	1,330	2453	685	1452	110	Petition to revive - unavoidable					
1501	1,370	2501	685	1453	1,330	Petition to revive - unintentional					
1502	490	2502	245	1501	1,370	Utility issue fee (or reissue)					
1503	860	2503	330	1502	490	Design issue fee					
1460	130	1460	130	1503	860	Plant issue fee					
1807	50	1807	50	1460	130	Petitions to the Commissioner					
1806	180	1806	180	1807	50	Processing fee under 37 CFR 1.17(q)					
8021	40	8021	40	1806	180	Submission of Information Disclosure Stmt					
1809	780	2809	395	8021	40	Recording each patent assignment per property (times number of properties)					
1810	780	2810	395	1809	780	Filing a submission after final rejection (37 CFR § 1.129(a))					
1801	780	2801	395	1810	780	For each additional invention to be examined (37 CFR § 1.129(b))					
1802	900	1802	900	1801	780	Request for Continued Examination (RCE)					
Other fee (specify) Statutory Disclaimer					1802	900	Request for expedited examination or a design application				
*Reduced by Basic Filing Fee Paid					SUBTOTAL (3) (\$130)					130	

SUBMITTED BY					Complete if applicable				
Name (Print/Type)	Steven Cahill	Registration No. (Attorney/Agent)	44,578	Telephone	650-328-2400				
Signature					Date	January 6, 2005			

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

60393034 v1

FEE TRANSMITTAL for FY 2005

Effective 10/01/2004. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 130)

Complete If Known	
Application Number	10769,733
Filing Date	January 29, 2004
First Named Inventor	Wang, Bonnie
Examiner Name	Patrick G. Wamsley
Art Unit	2819
Attorney Docket No.	015114-063110US

METHOD OF PAYMENT (check all that apply)

 Check Credit Card Money Order Other None
 Deposit Account

Deposit Account Number

20-1430

Deposit Account Name

Townsend and Townsend and Crew LLP

The Director is authorized to: (check all that apply)

-
- Charge fee(s) indicated below
-
- Credit any overpayments
-
-
- Charge any additional fee(s) or any underpayment of fee(s)
-
-
- Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
1001 790	2001 395	Utility filing fee	
1002 350	2002 175	Design filing fee	
1003 550	2003 275	Plant filing fee	
1004 780	2004 395	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)		(3)	

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Independent Claims	Fee from below		Fee Paid
		Extra Claims	X	

Large Entity	Small Entity	Fee Description
Fee Code (\$)	Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 88	2201 44	Independent claims in excess of 3
1203 300	2203 150	Multiple dependent claim. If not paid
1204 88	2204 44	-- Reissue independent claims over original patent
1205 18	2205 9	-- Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)		(3)

*or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)				
3. ADDITIONAL FEES				
Large Entity	Small Entity			
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1051	130	2051	65	Surcharge - late filing fee or oath
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet
1053	130	1053	130	Non-English specification
1812	2,520	1812	2,520	For filing a request for ex parte reexamination
1804	820*	1804	920*	Requesting publication of SIR prior to Examiner action
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action
1251	110	2251	55	Extension for reply within first month
1252	430	2252	215	Extension for reply within second month
1253	960	2253	480	Extension for reply within third month
1254	1,530	2254	765	Extension for reply within fourth month
1255	2,080	2255	1,040	Extension for reply within fifth month
1401	340	2401	170	Notice of Appeal
1402	340	2402	170	Filing a brief in support of an appeal
1403	300	2403	150	Request for oral hearing
1451	1,510	1451	1,510	Petition to institute a public use proceeding
1452	110	2452	55	Petition to revive - unavoidable
1453	1,330	2453	665	Petition to revive - unintentional
1501	1,370	2501	685	Utility issue fee (or reissue)
1502	490	2502	245	Design issue fee
1503	660	2503	330	Plant issue fee
1480	130	1460	130	Petitions to the Commissioner
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)
1806	180	1806	180	Submission of Information Disclosure Stmt
8021	40	8021	40	Recording each patent assignment per property (times number of properties)
1809	780	2809	395	Filing a submission after final rejection (37 CFR § 1.129(a))
1810	790	2810	395	For each additional invention to be examined (37 CFR § 1.129(b))
1801	790	2801	395	Request for Continued Examination (RCE)
1802	900	1802	900	Request for expedited examination of a design application
Other fee (specify)		Statutory Disclaimer		130
*Reduced by Basic Filing Fee Paid				SUBTOTAL (3) (\$130)

SUBMITTED BY				
Name (Print/Type)	Steven Cahill	Registration No. (Attorney/Agent)	44,578	Telephone 650-326-2400
Signature			Date	January 6, 2005

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

60393034 v1

JAN. 6.2005 4:55PM TTC-PA 650-326-2422

RECEIVED
CENTRAL FAX CENTER NO.249 P.5/12
JAN 06

PATENT
Attorney Docket No.: 015114-063110US
Client Ref. No.: A790 C1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

 Bonnie Wang et al.

Application No.: 10/769,733

Filed: January 29, 2004

For: DATA REALIGNMENT
TECHNIQUES FOR SERIAL-TO-
PARALLEL CONVERSION

Customer No.: 26059

Confirmation No. 6549

Examiner: Patrick G. Wamsley

Technology Center/Art Unit: 2819

AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed October 14, 2004, please enter the following amendments and remarks:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 6 of this paper.